



**Conference Report** 

# 2<sup>nd</sup> International Conference on Climate Change

25<sup>th</sup> and 26<sup>th</sup> May 2021

Organized by









2<sup>nd</sup> International Conference on Climate Change

Date: 25<sup>th</sup> and 26<sup>th</sup>, 2021

Kuala Lumpur, Malaysia. (Virtual Conference)

## **About the Conference**



The  $2^{nd}$  International Conference on Climate Change (ICCC 2021), which was recently held from the  $25^{th}$  to the  $26^{th}$  of May 2021, Virtually on Zoom platform, turn out to be a resounding success in all respects. The conference exceeded the expectations of all – the organizing committee, guests, speakers, and most importantly the delegates in attendance, by going far beyond the standards set forth by previous editions of this event in the past.

The conference saw everyone from leading Climate Change experts, Hazard analyst, Environmental Engineering specialist, and Tech Analysts, as well as Students, Researchers, Academics, Scholars, Industry Professionals, Business Entrepreneurs, and others, gathered together to discuss about research tools and approaches to improve effective responses to climatechange.





The delegates, speakers, and guests at this conference were comprised of people from across the globe making this event a global summit. The conference created a prefect platform for the speakers, delegates etc to address about the current problems in climate change and how to find a solution for the same. The keynote/ oral/poster presentations focused on the sessions Climate Change, Global Warming, Environmental Toxicology, Waste Management, Advanced Biofuels, Air pollution, Green Economy, Earth Science & Economy, Natural Hazard, Renewal Energy Impact on Climate Change, Global Environmental Health, Impact of Climate Change on Public Health, Green Economy. All participants left this event enriched with tons of new and profound knowledge on Global environment, groundbreaking research projects to approach climate Change, pioneering exploratory pursuits, and their outcomes as well as findings.

## **Organizing Secretary**



**Dr. Rashmi Sharma** Associate Professor, SPCGCA MDSU, Ajmer Rajasthan, India





## **Keynote Speakers**



Prof. Ir. Dr. Mohd Syuhaimi Ab Rahman

Professor and Director, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia, Malaysia



**Dr. Peiman Kianmehr** Chair and Associate Professor, Department of Civil Engineering, American University in Dubai, UAE



**Dr. GVR Shastri** *Chairman Coastal India Development Council, India* 







#### **Prof. Abdus Samadm** *Professor, Department of Ocean Engineering, Indian Institute of Technology Madras, India*



#### Dr. Ram Ramanathan

Director, Business and Management Research Institute Business School of the University of Bedfordshire, UK



**Dr. Narayan Prasad Shrestha** *Climate Change Project Manager, Aberdeen Multicultural Centre, UK.* 







Assoc. Prof. Dr. Ngien Su Kong Head of Department, Department of Civil Engineering, College of Engineering, Universiti Malaysia Pahang, Malaysia



**Dr. Ayad M.J. Almamoori** Director of Consultant Bureau for Scientific Affairs, College of science, Biology Dept, University of Babylon, Iraq



**Mr. Dilip Jain** Founder, dJED Foundation, India





## **Session Chair**



**Mr. R.S.Ajin** Hazard Analyst, Kerala State Disaster Management Authority, India



Ts.Dr. Lavania Baloo Senior Lecturer, Department of Civil and Environmental Engineering, Universiti Teknologi PETRONAS, Malaysia





## **Organizing Committee Members**



Dr. Constantinos Stathopoulos Vice Dean & Professor, College of Food and Agriculture United Arab Emirates University UAE



Dr. Hussain H. Al- Kayiem Head, Solar Thermal Advanced Research Center (STARC) Universiti Teknologi PETRONAS Malaysia



**Dr. P. Abdul Salam** Professor and Chair, Department of Energy, Environment, and Climate Change Asian Institute of Technology (AIT) Thailand



Dr. Sevia M. Idrus Deputy Dean, Faculty Of Engineering Universiti Teknologi Malaysia Malaysia



**Dr. Sumiani Yusoff** Director, Institute of Ocean & Earth Sciences Universiti Malaya Malaysia





**Dr. Zurina Zainal Abidin** Head, Department of Chemical & Environmental Engineering Universiti Putra Malaysia Malaysia



**Dr. Wong Kuan Yew** Professor, Universiti Teknologi Malaysia Malaysia





**Dr. Norhashila Hashim** Associate Professor & Head, Department of Biological and Agricultural Engineering Universiti Putra Malaysia Malaysia



**Dr. Ajita Tiwari Padhi** Lead, Climate Policy, Advocacy and Strategic Partnerships Indian Network on Ethics and Climate Change India



**Dr. Fatihah Suja** Professor, Faculty of Engineering & Built Environment Universiti Kebangsaan Malaysia Malaysia

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**Dr. Isam Abdel-Magid** Professor, Department of Environmental Engineering Imam Abdulrahman Bin Faisal University Saudi Arabia



**Dr. Marlia Mohd Hanafiah** Associate Professor & Head, Institute of Climate Change The National University of Malaysia Malaysia



**Dr. Saji Baby** *Principal scientist, GEO International Environmental Consultation Company Kuwait* 



**Mr. Ritwajit Das** Chief Strategist, Global Call for Climate Action - GCCA India





**Dr. Kazi Md. Salim Newaz** Professor, Faculty of Engineering University of Malaya Malaysia



**Dr. Norhaslina Binti Hassan** Professor, Department of Geography University of Malaya Malaysia



**Dr. Siti Nor Akmar Abdullah** Professor, Faculty of Agriculture Universiti Putra Malaysia Malaysia







Shamsul Rahman Mohamed Kutty Professor, Department of Civil and Environmental Engineering Universiti Teknologi PETRONAS Malaysia



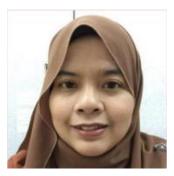
Christina Wong Kit Ping Independent Sustainability Consultant, Kuala Lumpur, Malaysia



**Dr. Akshey Bhargava** Professor, Global Institute Of Engineering and Technology India



**Dr. Ramadhansyah Putra Jaya** Associate Professor, Department of Civil Engineering Universiti Malaysia Pahang Malaysia



**Dr. Jun Haslinda Hj.Shariffuddin** Senior Lecturer, Universiti Malaysia Pahang Malaysia



**Dr. Chua Kian Jon Ernest** Associate Professor, National University of Singapore Singapore



**Dr. Doris Toe Hooi Chyee** Senior Lecturer, Faculty of Built Environment and Surveying Universiti Teknologi Malaysia Malaysia

# BioLEAGUES





**Dr. Eris Elianddy Bin Supeni** Associate Professor, Department of Mechanical and Manufacturing Engineering, Faculty of Engineering Universiti Putra Malaysia Malaysia



**Dr. Hisham I. M. Abdel-Magid** Assistant Professor & Head, Continuous Education Committee, College of Engineering Imam Abdulrahman Bin Faisal University Saudi Arabia



**Dr. Mamdouh El Haj Assad** Associate Professor, Sustainable & Renewable Energy Engineering Department University of Sharjah UAE



### Dr. Helmi Zulhaidi Mohd Shafri

Associate Professor, Department of Civil engineering Universiti Putra Malaysia Malaysia



**Dr. Ley Juen Looi** Senior Lecturer, Department of Environment, Faculty of Forestry and Environment Unversiti Putra Malaysia (UPM) Malaysia



**Dr. Mohd Zuhri Mohamed Yusoff** Senior Lecturer, Faculty of Engineering Universiti Putra Malaysia Malaysia



**Dr. Muzamir Bin Hasan** Associate Professor, Department of Civil Engineering University Malaysia Pahang Malaysia

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**Dr. Nawaf Isam Blaisi** Associate Professor, Department of Environmental Engineering Imam Abdulrahman Bin Faisal University Saudi Arabia



**Dr. Noor Suraya Binti Romali** Senior Lecturer, Faculty of Civil Engineering Technology Universiti Malaysia Pahang Malaysia



**Dr. Nuhu Dalhat Mu'Azu** Associate Professor, Department of Environmental Engineering Imam Abdulrahman Bin Faisal University Saudi Arabia



**Dr. Noor Azline Bt Mohd Nasir** Senior Lecturer, Civil Engineering Department Universiti Putra Malaysia Malaysia



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**Dr. Siva K Balasundram** Associate Professor, Department of Agriculture Technology Universiti Putra Malaysia Malaysia



**Dr. Teh Hee Min** Senior Lecturer, Department of Civil & Environmental Engineering Universiti Teknologi PETRONAS Malaysia



**Dr. WOON Kok Sin** Assistant Professor, New Energy Science and Engineering Department Xiamen University Malaysia Malaysia



#### Dr Shek Md. Atiqure Rahman

Assistant Professor, Department of Sustainable and Renewable Energy Engineering Sharjah University UAE





**Dr. Suhana Binti Koting** Senior Lecturer, Department of Civil Engineering University of Malaya Malaysia



**Dr. Wesam Alaloul** Senior Lecturer, University Technology Petronas Malaysia



**Dr. Zufarzaana Zulkeflee** Senior Lecturer, Department of Environment Universiti Putra Malaysia Malaysia





**Dr. Abdulaziz Ibrahim Almohana** Assistant Professor, King Saud University Saudi Arabia



**Eng. Hadi Erfani** Scientist, Islamic Azad University Iran





**Dr. Zafar Said** Assistant Professor, Sustainable and Renewable Energy Engineering, College of Engineering University of Sharjah, UAE



Shivika Solanki Manager, Climate Change Vasudha Foundation India

## **Student Ambassadors**



Shams Tabrez Department of Planning and Development IIT, Bombay India



**Feras Alshammari** Department of Chemical Engineering University of Greenwich UK

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Waad AL Bin Essa Department of environmental engineering Imam Abdulrahman Bin Faisal university Saudi Arabia



Alhanouf Talal Alagil Department of Environmental Engineering, Imam Abdulrahman Bin Faisal university Saudi Arabia

### **KEYNOTE and TUTORIAL SPEECHES**

Some of our approaches using IoT and Big Data to fight climate change– case studies in agrifood supply chains

Dr. Ram Ramanathan ,Director, Business and Management Research Institute,Business School of the University of Bedfordshire, UK

Green Solution for High-Speed Solution for in-Building Network Infrastructure Prof. Ir. Dr. Mohd Syuhaimi Ab Rahman Professor and Director, Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia, Malaysia

Experiences of working with diverse Ethnic Minority Community on reducing Carbon Emission in Scotland, Aberdeen.

Dr. Narayan Prasad Shrestha Climate Change Project Manager, Aberdeen Multicultural Centre, UK.

NAPL Contamination in Groundwater for Double-Porosity Featured Subsurface Systems

Assoc. Prof. Dr. Ngien Su Kong Head of Department, Department of Civil Engineering, College of Engineering, Universiti Malaysia Pahang, Malaysia

Benefits and Economical Feasibility of Green Buildings

Dr. Peiman Kianmehr ,Chair and Associate Professor, Department of Civil Engineering, American University in Dubai, UAE

Research Tools and Approaches to Improve Effective Responses to Climate Change

Mr. Dilip Jain, Founder, dJED Foundation, India





## **CONCURRENT TECHNICAL SESSIONS**

Climate Change, Global Warming, Environmental Toxicology, Waste Management, Advanced Biofuels, Air pollution, Green Economy, Earth Science & Economy, Natural Hazard, Renewal Energy Impact on Climate Change, Global Environmental Health, Impact of Climate Change on Public Health, Green Economy. These concurrent technical sessions were designed to offer the delegates critical knowledge that was complementary to the expertise that was being disseminated in the main sessions.

### ACKNOWLEDGMENTS

All members of the organizing committee liable for the 2<sup>nd</sup> International Conference on Climate Change (ICCC-2021) deserve due recognition for their efforts in organizing a stellar event that ensured that each one among the delegates who were in attendance at this conference left the event with new and profound insights which will help them see to the progress of their respective specializations within the realms of Climate change

The organizing committee thank all the keynote speakers and presenters who imparted their expertise and important knowledge also as recommendations, to the delegates present. Their efforts in preparing compelling and galvanizing presentations and speeches were much appreciated and resulted within the event being an all-round success. Additionally, thanks for who helped make sure that all arrangements were made, and each aspect of the conference happened in a unprecedented fashion.

Best Oral presentation			
Name	University	Title	
Dr.Preetam Khatua & Dr.Kumar Sougata	Rajiv Gandhi University of Health Sciences	Dentist recommended Tooth-paste versus the Environment	
Madhumita Chakraborty	SAGE University Indore	Management of menstrual waste in developing countries: Issues & solutions	
Tojo Jose	Bharathiar University, Coimbatore	Climate change and medicinal plants: An ethnobotanical perspective	
Maraboina Sandhyarani	Dr. Y. S. R Horticultural university	Climate Change Its Cause, Impact, Mitigation Strategies and Approaches to Improve Effective Responses to Climate Change	

#### **Young Researchers Award**

Name	University	Title
Preeti Dabas	Maharshi Dayanand University	An Analysis of Burden of Diseases and Health Care Financing: Evidences from 89 Countries





### **Best Poster Presentation**

Name	University	Title
Sudati Akshitha	Sri konda laxman Telangana state horticultural university	Climate change, its impact, research tools and approaches to improve effective responses to climate change

### **Photo Gallery**







#### **KEY STATISTICS**

